

REMARKS

Claims 44, 53, 58, and 64 are amended, claims 71-76 are canceled without prejudice or disclaimer, and no claims are added; as a result, claims 1-35 and 44-70 are now pending in this application.

Double Patenting Rejection

Claims 23-30 and 31 were rejected under the judicially created doctrine of double patenting over claim 7 of U.S. Patent No. 6,694,416. Applicant hereby files a Terminal Disclaimer to move this application to allowance. Applicant makes no admission in view of the statements in the Office Action. Applicant does not admit that the claims 23-30 and 31 are obvious in view of claim 7 of U.S. Patent No. 6,694,416.

§102 Rejection of the Claims

Claims 44-70 were rejected under 35 U.S.C. § 102(b) as being anticipated by IBM (Technical Disclosure Bulletin vol. 30 no. 12 May 1988). Applicant respectfully traverses.

Claim 44 recites, in part, “selecting data in a storage unit to be placed on either of the first pipeline or the second pipeline; determining which of the first or second pipeline data is to be placed on.” Applicant can not find this feature in the IBM Bulletin. The Office Action states that IBM Bulletin shows selecting in a storage unit (counter 15 selects data); determining which of the first or second pipeline data is to be placed on (pipeline is selected based on which RAM has been clocked). Applicant respectfully disagrees with this interpretation of the IBM Bulletin. The data in the first RAM A of IBM Bulletin must be passed only on pipeline 13. The data in the second RAM B of IBM Bulletin must be passed only on pipeline 14. IBM Bulletin does not teach selecting data that can be placed on either the first pipeline or the second pipeline. IBM Bulletin does not teach determining which of the first or second pipeline data is to be placed on. IBM’s data is fixed to the pipeline that connects to the specific RAM A or Ram B. As IBM Bulletin does not teach all of the features of claim 44, applicant requires reconsideration and allowance of claim 44 and its dependent claims 45-52.

Claim 53 recites, in part, “first passing a first piece of data from the storage unit through a multiplexer to the first determined pipeline; . . . second passing a second piece of data from the storage unit through a multiplexer to the second determined pipeline; . . . further passing pieces of data from the storage unit through a multiplexer to the further determined pipeline (emphasis added).” Applicant can not find where IBM Bulletin passes data from a storage unit through a multiplexer to a pipeline as set forth in claim 53. As IBM Bulletin does not teach all of the features of claim 53, applicant requires reconsideration and allowance of claim 53 and its dependent claims 54-57.

Claim 58 recites, in part, “selecting data in a storage unit that is connected to both a first pipeline and a second pipeline such that data in the storage unit can be placed onto either of the first pipeline or the second pipeline; determining which of a first pipeline and a second pipeline the data is to be placed on; . . . timing the passing.” Applicant can not find where IBM Bulletin teaches these features as set forth in claim 58. As IBM Bulletin does not teach all of the features of claim 58, applicant requires reconsideration and allowance of claim 58 and its dependent claims 59-63.

Claim 64 recites, in part, “first passing a first piece of data from a memory location through a multiplexer to the first selected pipeline; second passing the first piece of data from the first selected pipeline to a system device; passing a second piece of data from a subsequent memory location through a multiplexer to a further selected pipeline; and passing the second piece of data from the further selected pipeline to the system device.” Applicant can not find where IBM Bulletin teaches these features as set forth in claim 64. As IBM Bulletin does not teach all of the features of claim 64, applicant requires reconsideration and allowance of claim 64 and its dependent claims 65-70.

Claims 71-76 were rejected under 35 U.S.C. § 102(e) as being anticipated by Li (U.S. Patent No. 6,446,180). Claims 71-76 have been canceled thus rendering this rejection moot.

Allowable Subject Matter

Claims 1-22, and 32-35 were allowed.

CONCLUSION

Applicant respectfully submits that the claims are in condition for allowance, and notification to that effect is earnestly requested. The Examiner is invited to telephone Applicant's attorney at (612) 349-9587 to facilitate prosecution of this application.

If necessary, please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

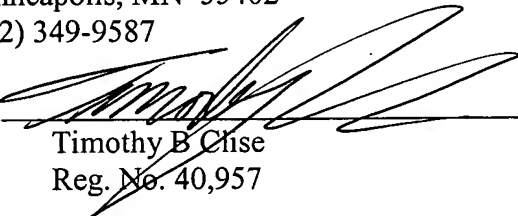
Respectfully submitted,

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Date 22 June '05

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CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Mail Stop Amendment, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 22 day of June, 2005.

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